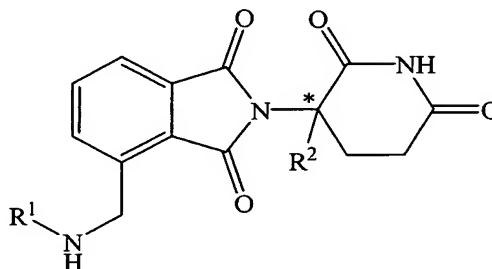


### Amendments to the Claims

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-9. (Canceled).

10. (Previously presented) A compound having the formula:



wherein:

R<sup>1</sup> is H, (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl, (C<sub>2</sub>-C<sub>8</sub>)alkenyl, (C<sub>2</sub>-C<sub>8</sub>)alkynyl, benzyl, aryl, (C<sub>0</sub>-C<sub>4</sub>)alkyl-(C<sub>1</sub>-C<sub>6</sub>)heterocycloalkyl, (C<sub>0</sub>-C<sub>4</sub>)alkyl-(C<sub>2</sub>-C<sub>5</sub>)heteroaryl, C(O)R<sup>3</sup>, C(S)R<sup>3</sup>, C(O)OR<sup>4</sup>, (C<sub>1</sub>-C<sub>8</sub>)alkyl-N(R<sup>6</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>8</sub>)alkyl-OR<sup>5</sup>, (C<sub>1</sub>-C<sub>8</sub>)alkyl-C(O)OR<sup>5</sup>, C(O)NHR<sup>3</sup>, C(S)NHR<sup>3</sup>, C(O)NR<sup>3</sup>R<sup>3'</sup>, C(S)NR<sup>3</sup>R<sup>3'</sup> or (C<sub>1</sub>-C<sub>8</sub>)alkyl-O(CO)R<sup>5</sup>;

R<sup>2</sup> is H or (C<sub>1</sub>-C<sub>8</sub>)alkyl;

R<sup>3</sup> and R<sup>3'</sup> are independently (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>3</sub>-C<sub>7</sub>)cycloalkyl, (C<sub>2</sub>-C<sub>8</sub>)alkenyl, (C<sub>2</sub>-C<sub>8</sub>)alkynyl, benzyl, aryl, (C<sub>0</sub>-C<sub>4</sub>)alkyl-(C<sub>1</sub>-C<sub>6</sub>)heterocycloalkyl, (C<sub>0</sub>-C<sub>4</sub>)alkyl-(C<sub>2</sub>-C<sub>5</sub>)heteroaryl, (C<sub>0</sub>-C<sub>8</sub>)alkyl-N(R<sup>6</sup>)<sub>2</sub>, (C<sub>1</sub>-C<sub>8</sub>)alkyl-OR<sup>5</sup>, (C<sub>1</sub>-C<sub>8</sub>)alkyl-C(O)OR<sup>5</sup>, (C<sub>1</sub>-C<sub>8</sub>)alkyl-O(CO)R<sup>5</sup>, or C(O)OR<sup>5</sup>;

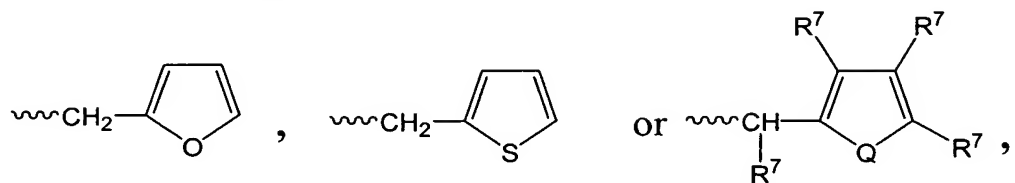
R<sup>4</sup> is (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>2</sub>-C<sub>8</sub>)alkenyl, (C<sub>2</sub>-C<sub>8</sub>)alkynyl, (C<sub>1</sub>-C<sub>4</sub>)alkyl-OR<sup>5</sup>, benzyl, aryl, (C<sub>0</sub>-C<sub>4</sub>)alkyl-(C<sub>1</sub>-C<sub>6</sub>)heterocycloalkyl, or (C<sub>0</sub>-C<sub>4</sub>)alkyl-(C<sub>2</sub>-C<sub>5</sub>)heteroaryl;

R<sup>5</sup> is (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>2</sub>-C<sub>8</sub>)alkenyl, (C<sub>2</sub>-C<sub>8</sub>)alkynyl, benzyl, aryl, or (C<sub>2</sub>-C<sub>5</sub>)heteroaryl;

each occurrence of R<sup>6</sup> is independently H, (C<sub>1</sub>-C<sub>8</sub>)alkyl, (C<sub>2</sub>-C<sub>8</sub>)alkenyl, (C<sub>2</sub>-C<sub>8</sub>)alkynyl, benzyl, aryl, (C<sub>2</sub>-C<sub>5</sub>)heteroaryl, or (C<sub>0</sub>-C<sub>8</sub>)alkyl-C(O)O-R<sup>5</sup> or the R<sup>6</sup> groups can join to form a heterocycloalkyl group; and

the \* represents a chiral-carbon center.

11. (Original) A compound of claim 10, wherein  $R^1$  is H,  $(C_1-C_4)$ alkyl,  $CH_2OCH_3$ ,  $CH_2CH_2OCH_3$ , or

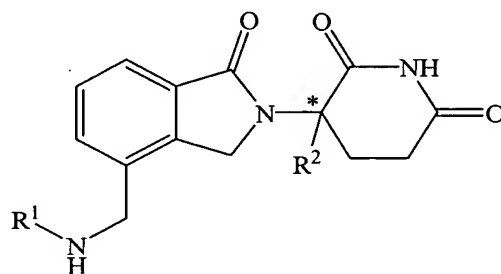


wherein Q is O or S, and each occurrence of  $R^7$  is independently H,  $(C_1-C_8)$ alkyl,  $(C_3-C_7)$ cycloalkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl, benzyl, aryl, halogen,  $(C_0-C_4)$ alkyl- $(C_1-C_6)$ heterocycloalkyl,  $(C_0-C_4)$ alkyl- $(C_2-C_5)$ heteroaryl,  $(C_0-C_8)$ alkyl- $N(R^6)_2$ ,  $(C_1-C_8)$ alkyl- $OR^5$ ,  $(C_1-C_8)$ alkyl- $C(O)OR^5$ ,  $(C_1-C_8)$ alkyl- $O(CO)R^5$ , or  $C(O)OR^5$ , or adjacent occurrences of  $R^7$  can be taken together to form a bicyclic alkyl or aryl ring.

12. (Original) A compound of claim 10, wherein  $R^1$  is  $C(O)R^3$ .

13. (Original) A compound of claim 10, wherein  $R^1$  is  $C(O)OR^4$ .

14. (Previously presented) A compound having the formula:



wherein:

$R^1$  is H,  $(C_1-C_8)$ alkyl,  $(C_3-C_7)$ cycloalkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl, benzyl, aryl,  $(C_0-C_4)$ alkyl- $(C_1-C_6)$ heterocycloalkyl,  $(C_0-C_4)$ alkyl- $(C_2-C_5)$ heteroaryl,  $C(O)R^3$ ,  $C(S)R^3$ ,  $C(O)OR^4$ ,  $(C_1-C_8)$ alkyl- $N(R^6)_2$ ,  $(C_1-C_8)$ alkyl- $OR^5$ ,  $(C_1-C_8)$ alkyl- $C(O)OR^5$ ,  $C(O)NHR^3$ ,  $C(S)NHR^3$ ,  $C(O)NR^3R^{3'}$ ,  $C(S)NR^3R^{3'}$  or  $(C_1-C_8)$ alkyl- $O(CO)R^5$ ;

$R^2$  is H or  $(C_1-C_8)$ alkyl;

$R^3$  and  $R^{3'}$  are independently  $(C_1-C_8)$ alkyl,  $(C_3-C_7)$ cycloalkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl, benzyl, aryl,  $(C_0-C_4)$ alkyl- $(C_1-C_6)$ heterocycloalkyl,  $(C_0-C_4)$ alkyl- $(C_2-C_5)$ heteroaryl,  $(C_0-C_8)$ alkyl- $N(R^6)_2$ ,  $(C_1-C_8)$ alkyl- $OR^5$ ,  $(C_1-C_8)$ alkyl- $C(O)OR^5$ ,  $(C_1-C_8)$ alkyl- $O(CO)R^5$ , or  $C(O)OR^5$ ;

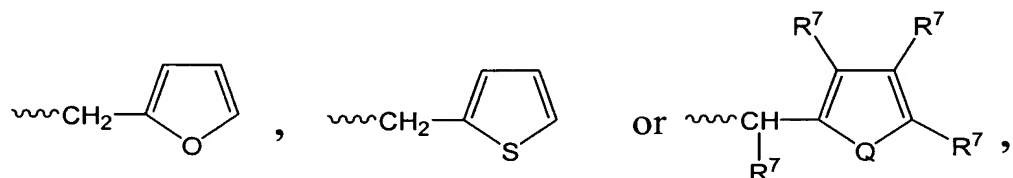
$R^4$  is  $(C_1-C_8)$ alkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl,  $(C_1-C_4)$ alkyl-OR<sup>5</sup>, benzyl, aryl,  $(C_0-C_4)$ alkyl- $(C_1-C_6)$ heterocycloalkyl, or  $(C_0-C_4)$ alkyl- $(C_2-C_5)$ heteroaryl;

$R^5$  is  $(C_1-C_8)$ alkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl, benzyl, aryl, or  $(C_2-C_5)$ heteroaryl;

each occurrence of  $R^6$  is independently H,  $(C_1-C_8)$ alkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl, benzyl, aryl,  $(C_2-C_5)$ heteroaryl, or  $(C_0-C_8)$ alkyl-C(O)O-R<sup>5</sup> or the  $R^6$  groups can join to form a heterocycloalkyl group; and

the \* represents a chiral-carbon center.

15. (Original) A compound of claim 14, wherein  $R^1$  is H,  $(C_1-C_4)$ alkyl, CH<sub>2</sub>OCH<sub>3</sub>, CH<sub>2</sub>CH<sub>2</sub>OCH<sub>3</sub>, or

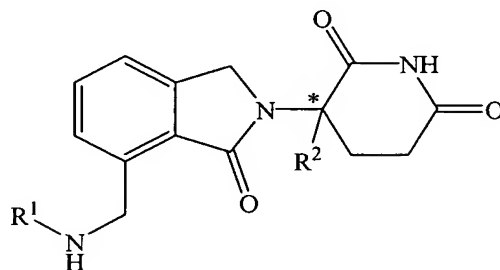


wherein Q is O or S, and each occurrence of  $R^7$  is independently H,  $(C_1-C_8)$ alkyl,  $(C_3-C_7)$ cycloalkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl, benzyl, aryl, halogen,  $(C_0-C_4)$ alkyl- $(C_1-C_6)$ heterocycloalkyl,  $(C_0-C_4)$ alkyl- $(C_2-C_5)$ heteroaryl,  $(C_0-C_8)$ alkyl-N( $R^6$ )<sub>2</sub>,  $(C_1-C_8)$ alkyl-OR<sup>5</sup>,  $(C_1-C_8)$ alkyl-C(O)OR<sup>5</sup>,  $(C_1-C_8)$ alkyl-O(CO)R<sup>5</sup>, or C(O)OR<sup>5</sup>, or adjacent occurrences of  $R^7$  can be taken together to form a bicyclic alkyl or aryl ring.

16. (Original) A compound of claim 14, wherein  $R^1$  is C(O)R<sup>3</sup>.

17. (Original) A compound of claim 14, wherein  $R^1$  is C(O)OR<sup>4</sup>.

18. (Previously presented) A compound having the formula:



wherein:

$R^1$  is H,  $(C_1-C_8)$ alkyl,  $(C_3-C_7)$ cycloalkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl, benzyl, aryl,  $(C_0-C_4)$ alkyl- $(C_1-C_6)$ heterocycloalkyl,  $(C_0-C_4)$ alkyl- $(C_2-C_5)$ heteroaryl,  $C(O)R^3$ ,  $C(S)R^3$ ,  $C(O)OR^4$ ,  $(C_1-C_8)$ alkyl- $N(R^6)_2$ ,  $(C_1-C_8)$ alkyl- $OR^5$ ,  $(C_1-C_8)$ alkyl- $C(O)OR^5$ ,  $C(O)NHR^3$ ,  $C(S)NHR^3$ ,  $C(O)NR^3R^{3'}$ ,  $C(S)NR^3R^{3'}$  or  $(C_1-C_8)$ alkyl- $O(CO)R^5$ ;

$R^2$  is H or  $(C_1-C_8)$ alkyl;

$R^3$  and  $R^{3'}$  are independently  $(C_1-C_8)$ alkyl,  $(C_3-C_7)$ cycloalkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl, benzyl, aryl,  $(C_0-C_4)$ alkyl- $(C_1-C_6)$ heterocycloalkyl,  $(C_0-C_4)$ alkyl- $(C_2-C_5)$ heteroaryl,  $(C_0-C_8)$ alkyl- $N(R^6)_2$ ,  $(C_1-C_8)$ alkyl- $OR^5$ ,  $(C_1-C_8)$ alkyl- $C(O)OR^5$ ,  $(C_1-C_8)$ alkyl- $O(CO)R^5$ , or  $C(O)OR^5$ ;

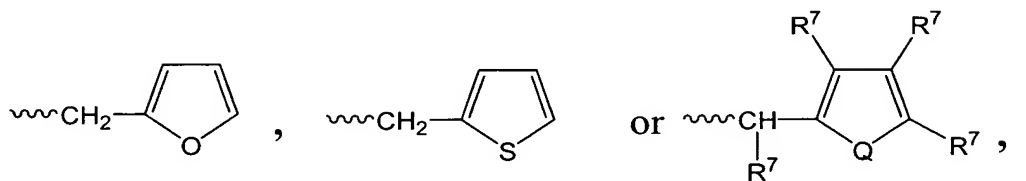
$R^4$  is  $(C_1-C_8)$ alkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl,  $(C_1-C_4)$ alkyl- $OR^5$ , benzyl, aryl,  $(C_0-C_4)$ alkyl- $(C_1-C_6)$ heterocycloalkyl, or  $(C_0-C_4)$ alkyl- $(C_2-C_5)$ heteroaryl;

$R^5$  is  $(C_1-C_8)$ alkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl, benzyl, aryl, or  $(C_2-C_5)$ heteroaryl;

each occurrence of  $R^6$  is independently H,  $(C_1-C_8)$ alkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl, benzyl, aryl,  $(C_2-C_5)$ heteroaryl, or  $(C_0-C_8)$ alkyl- $C(O)OR^5$  or the  $R^6$  groups can join to form a heterocycloalkyl group; and

the \* represents a chiral-carbon center.

19. (Original) A compound of claim 18, wherein  $R^1$  is H,  $(C_1-C_4)$ alkyl,  $CH_2OCH_3$ ,  $CH_2CH_2OCH_3$  or



wherein Q is O or S, and each occurrence of  $R^7$  is independently H,  $(C_1-C_8)$ alkyl,  $(C_3-C_7)$ cycloalkyl,  $(C_2-C_8)$ alkenyl,  $(C_2-C_8)$ alkynyl, benzyl, aryl, halogen,  $(C_0-C_4)$ alkyl- $(C_1-C_6)$ heterocycloalkyl,  $(C_0-C_4)$ alkyl- $(C_2-C_5)$ heteroaryl,  $(C_0-C_8)$ alkyl- $N(R^6)_2$ ,  $(C_1-C_8)$ alkyl- $OR^5$ ,  $(C_1-C_8)$ alkyl- $C(O)OR^5$ ,  $(C_1-C_8)$ alkyl- $O(CO)R^5$ , or  $C(O)OR^5$ , or adjacent occurrences of  $R^7$  can be taken together to form a bicyclic alkyl or aryl ring.

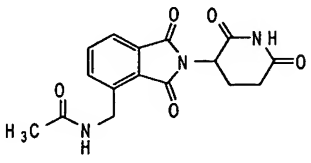
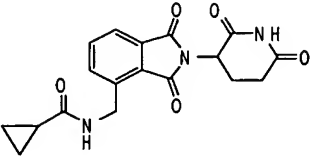
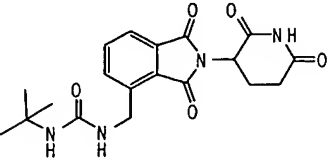
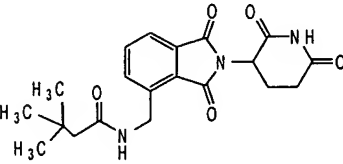
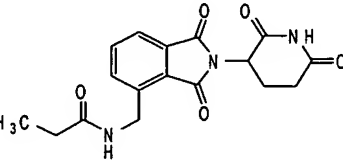
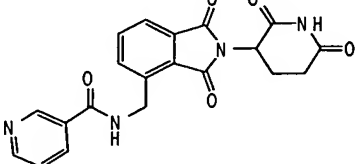
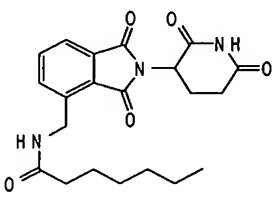
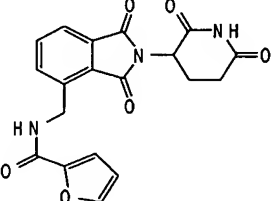
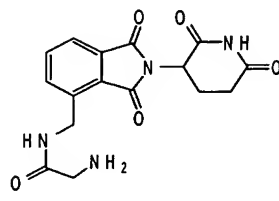
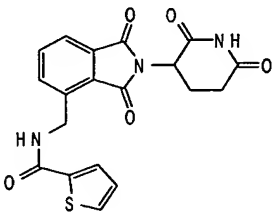
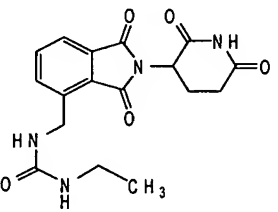
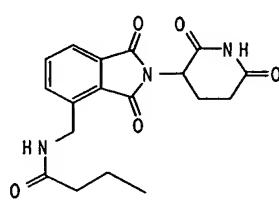
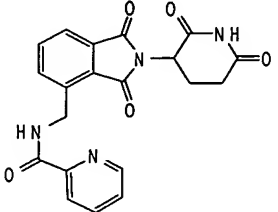
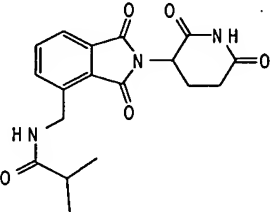
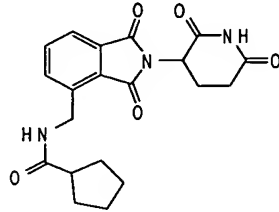
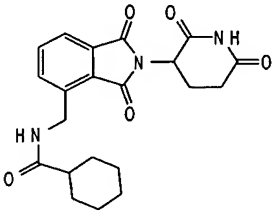
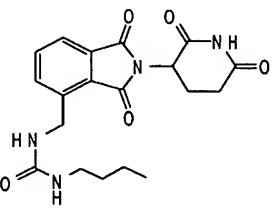
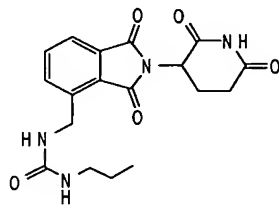
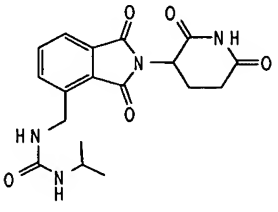
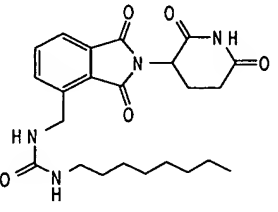
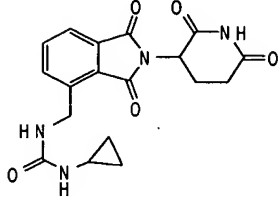
20. (Original) A compound of claim 18, wherein  $R^1$  is  $C(O)R^3$ .

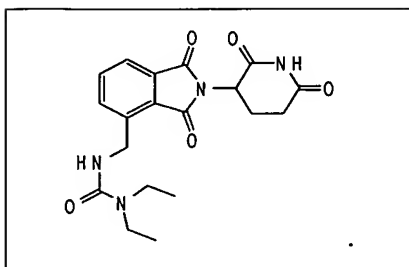
21. (Original) A compound of claim 18, wherein R<sup>1</sup> is C(O)OR<sup>4</sup>.

22-100. (Canceled).

101. (Currently amended) A compound of claim 10, which is: ~~N-[2-(2,6-dioxo piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl-methyl]-acetamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]cyclopropyl-carboxamide; 1-tert-butyl-3-[2-(2,6-dioxo piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl-methyl]-urea; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-3,3-dimethylbutanamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-propanamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-3-pyridylcarboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]heptanamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-2-furylcarboxamide; 2-amino-N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-acetamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-2-thienylcarboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-(ethylamino)carboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]butanamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-2-pyridylcarboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]undecamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-2-methylpropanamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]cyclopentylcarboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]cyclohexylcarboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-(butylamino)carboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-(propylamino)carboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-(methylethylamino)carboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-(octylamino)carboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-(cyclopropylamino)carboxamide; or N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-(diethylamino)carboxamide.~~

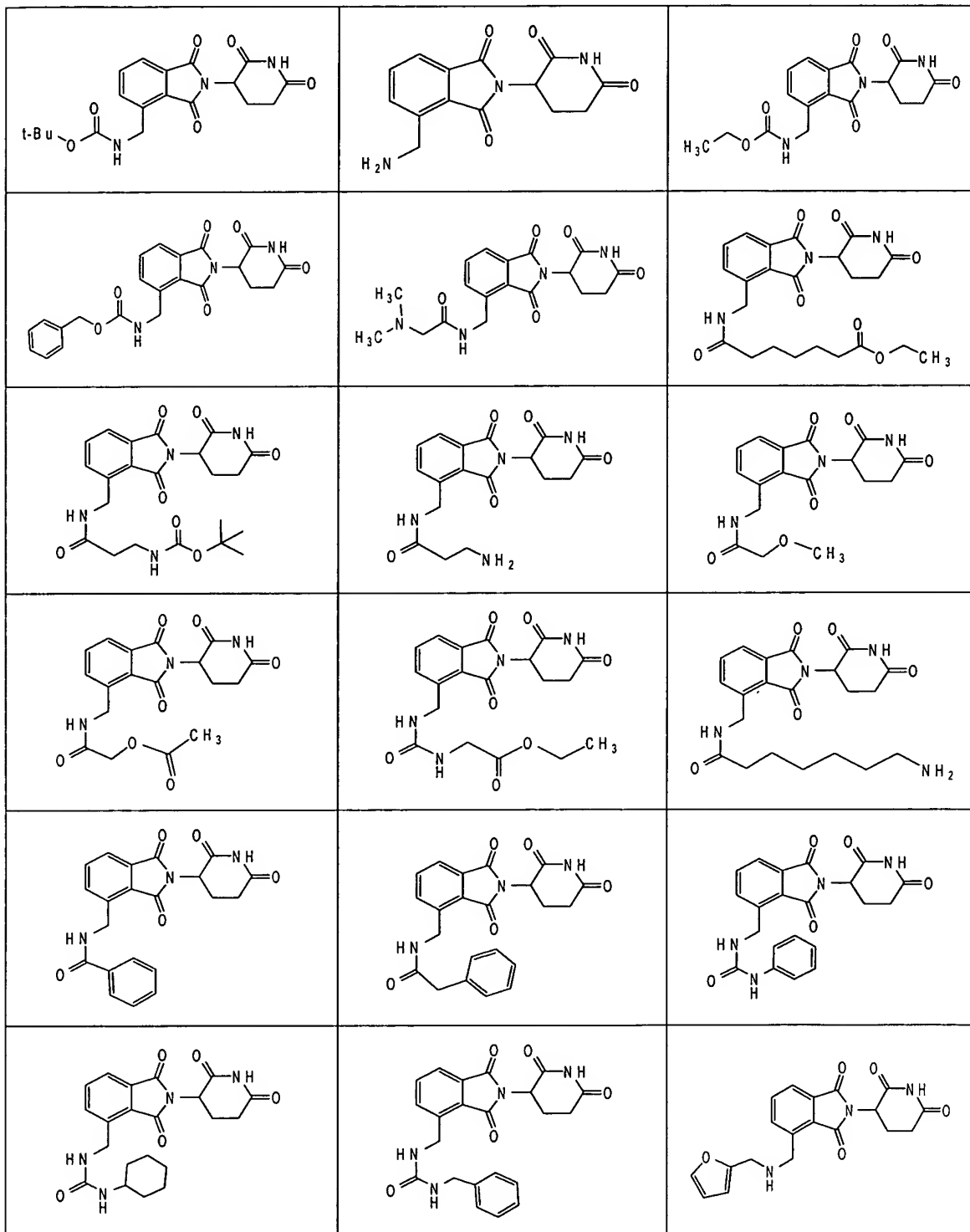
(Claim 101 continued on next page)

		
		
		
		
		
		
		 or

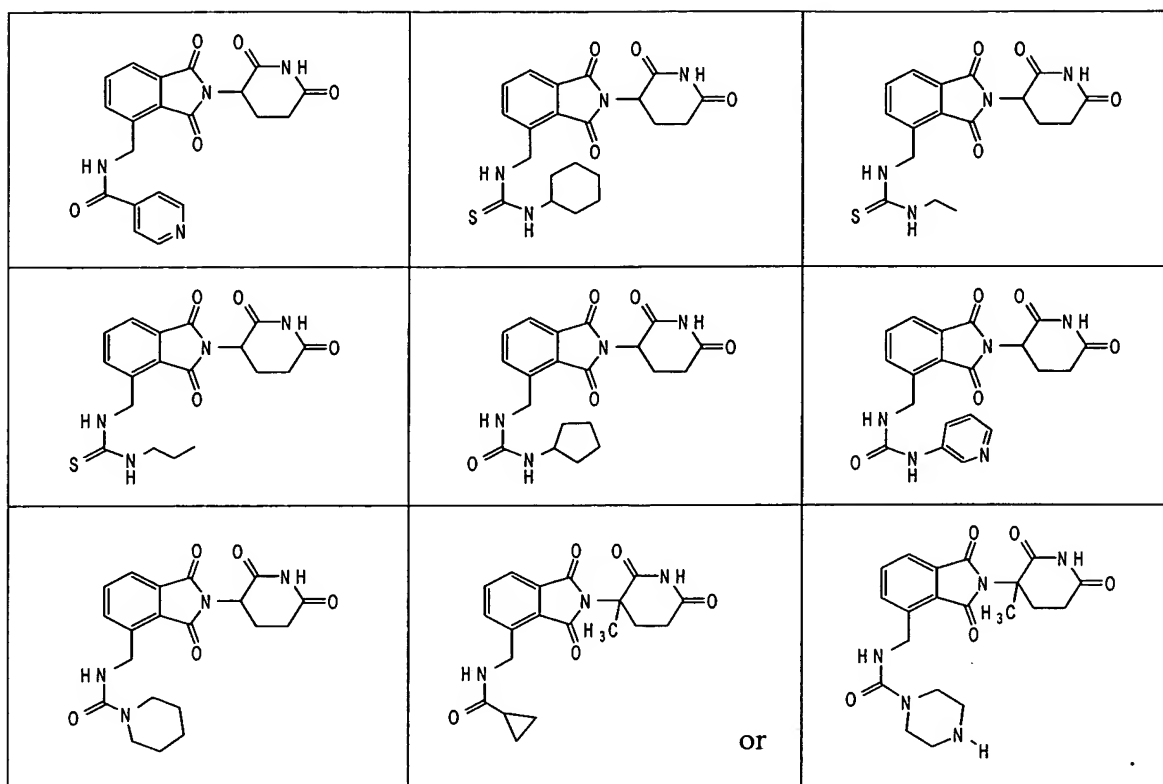


102. (Currently amended) A compound of claim 10, which is: ~~[2-(2,6-dioxo-piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl-methyl]-carbamic acid tert-butyl ester; 4-(aminomethyl)-2-(2,6-dioxo(3-piperidyl))-isoindoline-1,3-dione; [2-(2,6-dioxo-piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl-methyl]-carbamic acid-ethyl ester; [2-(2,6-dioxo-piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isoindol-4-yl-methyl]-carbamic acid-benzyl ester; 2-(dimethylamino)-N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]acetamide; ethyl 6-(3N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]carbamoyl)hexanoate; 3-[(tert-butoxy)carbonylamino]-N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]propanamide; 3-amino-N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]propanamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]-2-methoxyacetamide; (N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]carbamoyl)methyl acetate; ethyl 2-[N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]carbamoyl]amino]acetate; 7-amino-N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]heptanamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl]benzamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl](phenylamino)carboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl](benzylamino)carboxamide; 2-(2,6-dioxo-piperidin-3-yl)-4-[[[(furan-2-ylmethyl)-amino-methyl]-isoindole-1,3-dione]; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxo-2,3-dihydro-1H-isoindol-4-ylmethyl]-isonicotinamide; 2-(2,6-dioxo(3-piperidyl))-4-[[[(cyclohexylamino)thioxomethyl]amino]methyl]isoindole-1,3-dione; 2-(2,6-dioxo(3-piperidyl))-4-[[[(ethylamino)thioxomethyl]amino]methyl]isoindole-1,3-dione; 2-(2,6-dioxo(3-piperidyl))-4-[[[(propylamino)thioxomethyl]amino]methyl]isoindole-1,3-dione; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisoindolin-4-yl]methyl](cyclopentylamino)carboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-~~

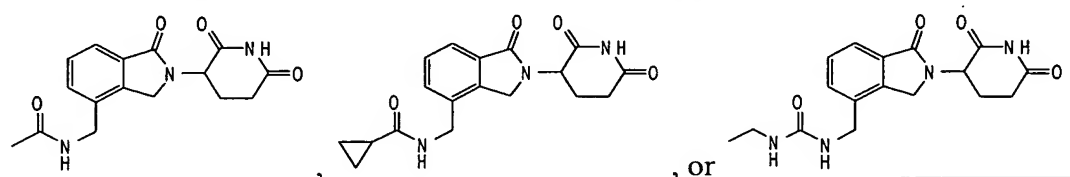
dioxoisindolin-4-yl)methyl}(3-pyridylamino)carboxamide; N-[[2-(2,6-dioxo(3-piperidyl))-1,3-dioxoisindolin-4-yl)methyl]piperidylcarboxamide; or piperazine-1-carboxylic acid [2-(2,6-dioxo-piperidin-3-yl)-1,3-dioxo-2,3-dihydro-1H-isindol-4-ylmethyl]-amide.







103. (Currently amended) A compound of claim 14, which is: N-[2-(2,6-dioxo-piperidin-3-yl)-1-oxo-2,3-dihydro-1H-isoindol-4-ylmethyl]acetamide; N-[[2-(2,6-dioxo(3-piperidyl))-1-oxoisoindolin-4-yl]methyl]cyclopropylcarboxamide; or N-[[2-(2,6-dioxo(3-piperidyl))-1-oxoisoindolin-4-yl]methyl](ethylamino)carboxamide.



104-105. (Canceled)